1. Solve the given system of linear equations using Elimination Method:

(a) \[2x + 3y = 1 \quad 5x - y = 3\]

(b) \[x - 3y = 1 \quad -2x + 6y = 2\]

(c) \[x + 2y + z = 2 \quad x - y - 2z = 2 \quad -x + 2y + 4z = 4\]
2. Identify the conic section whose equation is given below. For a circle, find the center and radius, and for an ellipse or hyperbola, find the center, vertices and foci. Then sketch the graph. You may use separate sheets if more space is needed.

(a) \( x^2 + y^2 - 6y + 5 = 0 \)
(b) \( 9x^2 + 4y^2 + 18x - 16y - 11 = 0 \)
(c) \( 9x^2 - 16y^2 - 72x - 32y - 16 = 0 \)